

7067188

CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)

Applicant(s): YANG, S. et al

Docket No.

IR 3556 NP

Application No.
09/480,193Filing Date
01/10/2000Examiner
Rickman, Holly, C.Group Art Unit
1711

Invention: POLYMERIC ARTICLES HAVING A TEXTURED SURFACE AND FROSTED APPEARANCE

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Doc Code:

PTO/SB/17 (01-06)

Approved for use through 07/31/2008. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL for FY 2006

 Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)
\$100.00

Complete If Known

Application Number	09/480,193
Filing Date	01/10/2000
First Named Inventor	Sbi Jun Yang
Examiner Name	Rickman, Holly, C.
Art Unit	1711
Attorney Docket No.	IR 3556 NP

METHOD OF PAYMENT (check all that apply)

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FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fee Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Small Entity	Fee (\$)
- 20 or HP =	x	\$50.00	= \$0.00	Fee (\$)	Fee (\$)
HP = highest number of total claims paid for, if greater than 20.				50	25
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	200	100

$$- 3 \text{ or HP} = \text{Extra Claims} \times \$200.00 = \$0.00$$

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listing under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(g).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	0	/ 50 0 (round up to a whole)	x \$250.00 =	\$0.00

4. OTHER FEE(S)

Non-English specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Correction of Issued Patent

\$100.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	42,110	Telephone	215-419-7314
Name (Print/Type)	Thomas F. Rolaed, Esq.		Date	July 13, 2006	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,067,188

Page 1 ____ of 2 ____

APPLICATION NO. : 09/480,193

ISSUE DATE : June 27, 2006

INVENTOR(S) : Shi Jun Yang, Fabio Gilberti, Ralph Howard Clark, Leslie Alan Cohen

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the claims:

1. An extruded polymeric article having a frosted and textured surface appearance comprised of a polymeric matrix and polymeric particles which are substantially spherical, highly crosslinked, have a mean particle size of between 35 to 70 micrometers and have a particle size distribution between 10-110 micrometers wherein the article has:

- a) a Haze number as determined by ASTM D1003 of at least 90%,
 - b) an opacity as determined by ASTM D2805-80 of at least 10%,
 - c) a minimum surface roughness of 0.5 micrometers to 30 micrometers as measured using ASME methods B461.1 B461.2 B46.1-1, B46.1-2 and Y14.36; and
 - d) a Total White Light Transmission of greater than 77.1% for the clear form, as determined by a Hunterlab colorimeter-D25 model using ASTM E1331 and ASTM E1164, wherein said determinations are made using an 0.125 inch thick extruded sheet comprised of the polymeric matrix and polymeric particles; wherein said highly crosslinked polymeric particles are comprised of:
- 15 - 35% by weight styrene;
- 65 - 85% by weight alkyl methacrylate or alkyl acrylate or a combination thereof; and 0.1 - 2.5% by weight crosslinking agent.

10. A resin comprised of:

- a) 60 - 85% by weight, matrix comprised of polymethyl methacrylate; and
 - b) 5 - 60% by weight, highly crosslinked spherical polymeric particles comprised of:
- 15 - 35% by weight, styrene
- 65 - 85% by weight, methyl methacrylate
- 0.5-1.5% by weight, allyl methacrylate;

wherein the polymeric particles have a mean particle size of 35 - 70 micrometers, and a particle size distribution of between 10-110 micrometers, and wherein a 0.125 inch thick sheet extruded from said resin has a Haze number as determined by ASTM D1003 of at least 90%, an opacity as determined by ASTM D2805-80 would be at least 10%, a minimum surface roughness of 0.5 micrometers to 30 micrometers as measured using ASME methods B461.1 B461.2 B46.1-1, B46.1-2 and Y14.36 and a Total White Light Transmission of greater than 77.1% for the clear form measured by a Hunterlab colorimeter-D25 model using ASTM E1331 and ASTM E1164.

(Continued on page 2)

MAILING ADDRESS OF SENDER (Please do not use customer number)

Thomas F. Roland, Esq., Reg. No. 42,110

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200 Market Street

Philadelphia, Pennsylvania 19103-3222

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PAGE 3/4 * RCVD AT 7/13/2006 1:16:48 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-5/0 * DNIS:2738300 * CSID:2154197075 * DURATION (mm:ss):01:30

JUL 14 2006

**UNITED STATES PATENT & TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO.: 7,067,188 Page 2 of 2

APPLICATION NO.: 09/480,193

ISSUE DATE: June 27, 2006

INVENTORS: Shi-Jun Yang, Fabio Gilberti, Ralph Howard Clark, Leslie Alan Cohen

11. A resin comprised of:

- a) 20 - 90% by weight, matrix comprised of polymethyl methacrylate or alkyl methylacrylate/alkyl acrylate copolymer;
 - b) 0 - 50% by weight, modifiers; and
 - c) 5 - 60% by weight, highly crosslinked spherical polymeric particles comprised of about 15 to 35% by weight, styrene, 65-85% by weight, alkyl methacrylate, alkyl acrylate, or a mixture thereof and crosslinking agent wherein the polymeric particles have a mean particle size of 35 -70 micrometers, and a particle size distribution of between 10-110 micrometers, and wherein a 0.125 inch thick sheet extruded from said resin has a Haze number as determined by ASTM D1003 of at least 90%, an opacity as determined by ASTM D2805-80 would be at least 10%, a minimum surface roughness of 0.5 micrometers to 30 micrometers as measured using ASME methods B46.1-1 B361.2 B46.1-1, B46.1-2 and Y14.38 and a Total White Light Transmission of greater than 77.1% for the clear form measured by a Hunterlab colorimeter D25 model using ASTM E1331 and ASTM E1164.

REMARKS REGARDING THE ABOVE CORRECTIONS TO ERRORS IN THE PATENT.

The errors were Applicant's mistake, and therefore a fee of \$100, as set forth in 37 CFR § 1.20, is being submitted.

The errors are of minor character, and do not involve any changes that would constitute new matter or would require reexamination. The errors were simply in the numbers of the test methods used for the claimed properties.

The present patent is not involved in any interference.

Thomas F. Roland
Attorney or Applicant
Reg. No. 42,110

Customer Number 31684